

Aditya Pawar

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Career Objective — I am seeking a challenging role that offers opportunities to enhance my skills while contributing meaningfully to the organization. I am eager to gain valuable insights into new aspects of the industry, which will support both the organization's growth and my professional development.

Skills

- **Programming Languages:** Java (Core and Advanced), Python
- **Web Technologies:** HTML, CSS, JavaScript, React (Basic), Thymeleaf, Servlets, JSP, REST APIs
- **Database Systems:** MySQL, MongoDB
- **Frameworks:** Spring Framework (Core, MVC, WebFlux, Data JPA, Data MongoDB, Security, Boot, Hibernate, JDBC)
- **DevOps & Version Control:** Git, GitHub, GitLab, Docker (Containerization), Vercel, Render (Deployment)
- **Development Tools:** Figma, Postman, Maven
- **Testing Tools:** JUnit, Mockito, SonarCloud

Experience

RID Organisation (TWSKAA Welfare Foundation)

Jun 2024 – Sept 2024

Frontend Development Intern

- Collaborated with the development team to design and implement new user-facing features for web applications using HTML, CSS, and JavaScript.
- Contributed to the development of a new authentication system using Firebase, enhancing the security of the user login process.
- Worked alongside the UX/UI team to refine and improve user interface designs, focusing on enhancing overall user experience.

Education

NRI Institute of Information Science and Technology Bhopal

Bachelor of Technology in Computer Science Engineering

CGPA: 8.6/10 (First Year)

Projects

Title Verification System

Smart India Hackathon, 2024

- Developed a Title Verification System to validate new titles by assessing phonetic similarity, potential combined titles, disallowed words, prefix/suffix matches, and meaning equivalence across multiple languages.
- Implemented an event-driven microservices architecture with a React frontend and a backend powered by Java Spring Boot with WebFlux, integrated with a MongoDB database to handle asynchronous, non-blocking requests.
- Designed a Python Flask API utilizing the XLM-R DistilRoBERTa model for semantic analysis and title meaning validation.
- Deployed the frontend on Vercel and the backend on Render, ensuring seamless deployment and scalability.
- Utilized Git for version control, with the complete codebase hosted on GitLab for collaboration and version tracking.
- **Frontend Link:** press-title-verification-system.vercel.app
- **Backend Service:** press-title-verification-system.onrender.com

LearnLedger - E-commerce Website

Sept 2024 – Oct 2024

- Developed an e-commerce website with role-based authentication and authorization using Spring Web MVC and Thymeleaf, implementing a modern UI designed with Figma.
- Built the project from scratch, including the password encoder, salt generator, and all core functionalities.
- Integrated MongoDB as the NoSQL database for data storage and management.
- Codebase managed with Git and hosted on GitHub: **Github** : [LearnLedger](#).

Achievements

- Selected for the Smart India Hackathon 2024 Grand Finale as part of the team that developed the Title Verification System.
- Worked as a Backend Developer, contributing to the development of the backend architecture using Java Spring Boot, WebFlux, and Python Flask API integration.